

Data File : VN059952.D
Acq On : 31 Jan 2020 16:50
Operator : JC/MD
Sample : PB126487ZHE#03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#03

Quant Time: Feb 03 01:22:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	310653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133625	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	113254	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	7.57	113	95303	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	10.08	98	377123	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.40	95	133246	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	

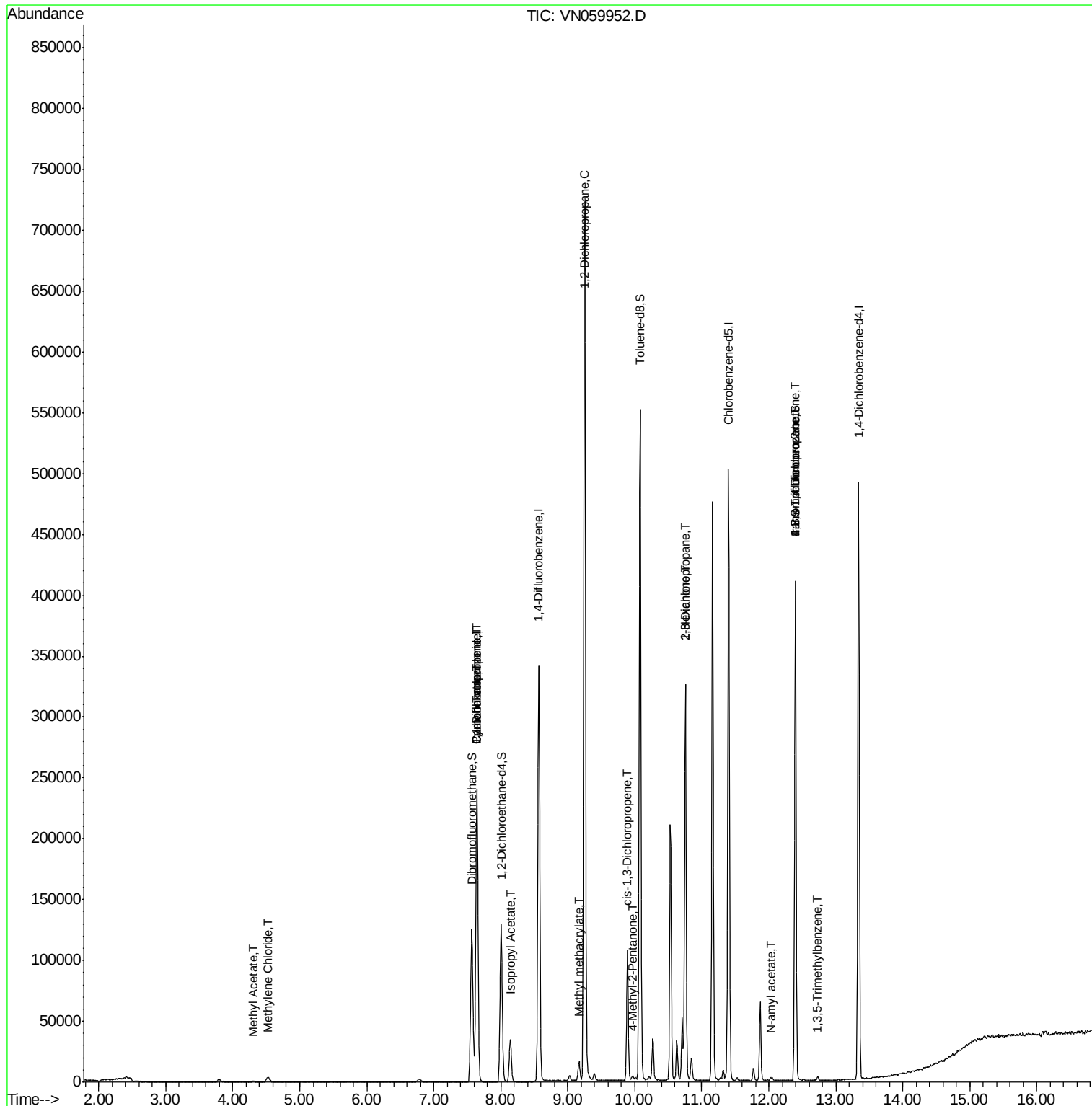
Target Compounds			Qvalue			
16) Acetone	3.79	43	1551	Below Cal	#	87
18) Methyl Acetate	4.31	43	1131	0.428	ug/l #	54
20) Methylene Chloride	4.53	84	3749	0.550	ug/l #	82
31) Cyclohexane	7.64	56	3968	1.184	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14029	5.186	ug/l #	50
38) Carbon Tetrachloride	7.64	117	18733	6.366	ug/l #	16
43) Isopropyl Acetate	8.14	43	41714	9.558	ug/l	92
45) 1,2-Dichloropropane	9.26	63	936	0.469	ug/l #	44
48) Methyl methacrylate	9.16	41	2425	1.242	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	2874	1.139	ug/l	91
54) cis-1,3-Dichloropropene	9.89	75	19823	5.945	ug/l #	57
57) 1,3-Dichloropropane	10.75	76	3167	0.988	ug/l #	42
59) 2-Hexanone	10.75	43	44647	24.022	ug/l #	56
74) N-amyl acetate	12.03	43	1453	0.382	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	68138	30.300	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	2244	0.272	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	68138	65.070	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.41	75	59	Below Cal	#	6

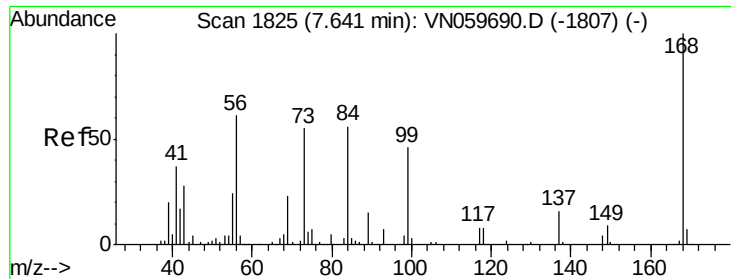
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059952.D

Acq: 31 Jan 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

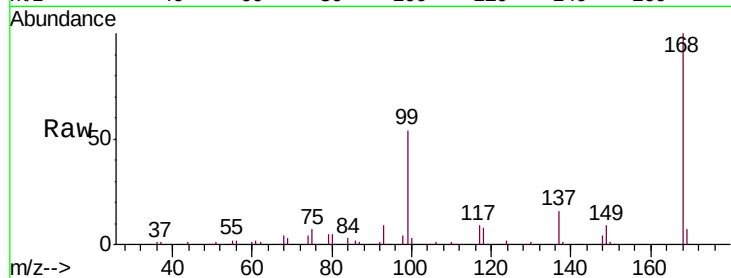
PB126487ZHE#03

Tgt Ion: 168 Resp: 203896

Ion Ratio Lower Upper

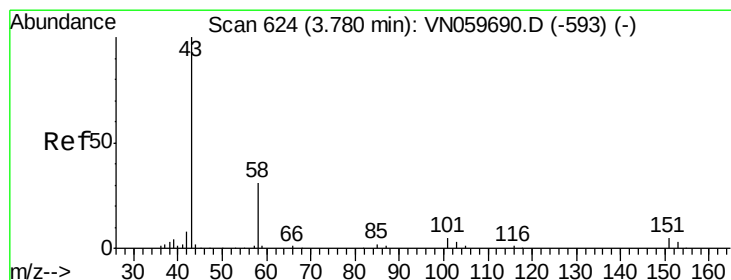
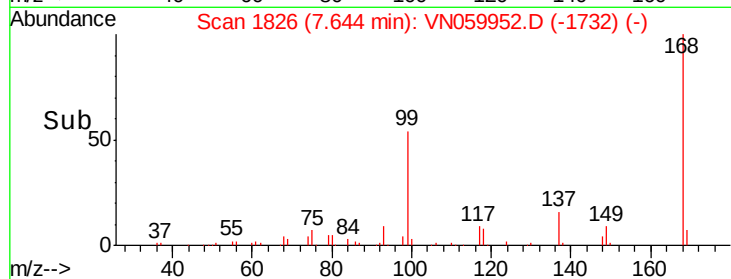
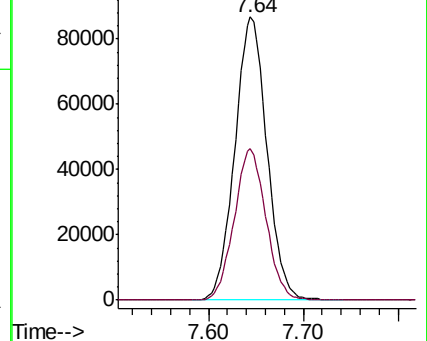
168 100

99 53.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059690.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059690.D (-1807) (-)



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN059952.D

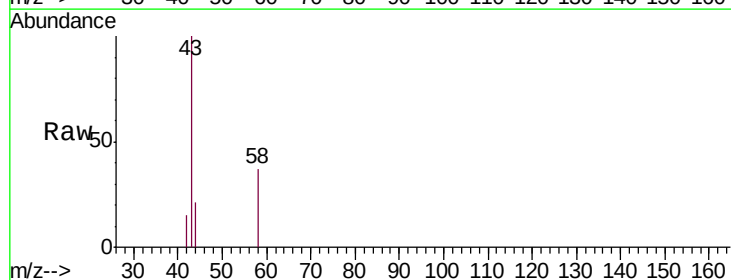
Acq: 31 Jan 2020 16:50

Tgt Ion: 43 Resp: 1551

Ion Ratio Lower Upper

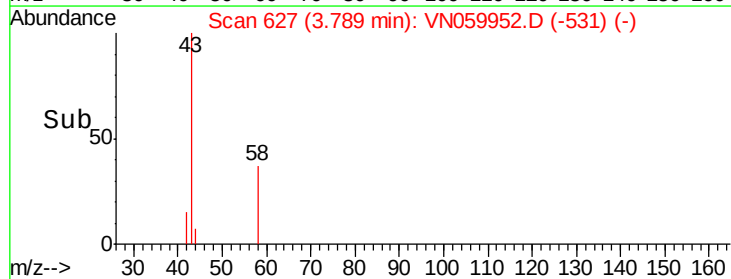
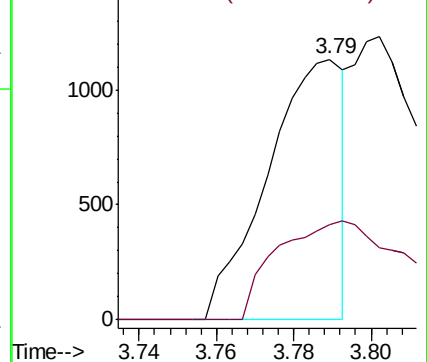
43 100

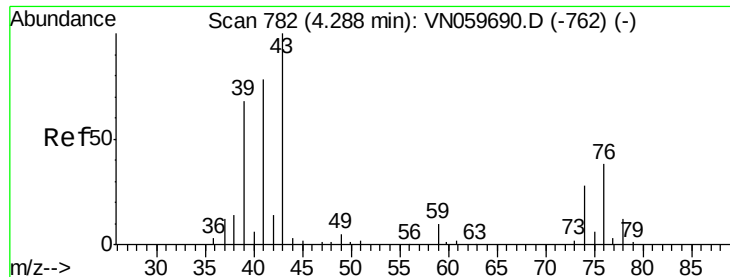
58 36.5 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059690.D (-593) (-)

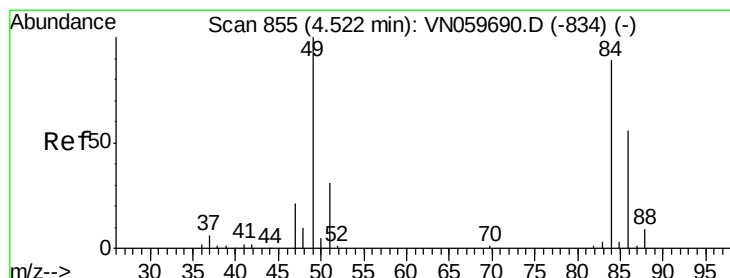
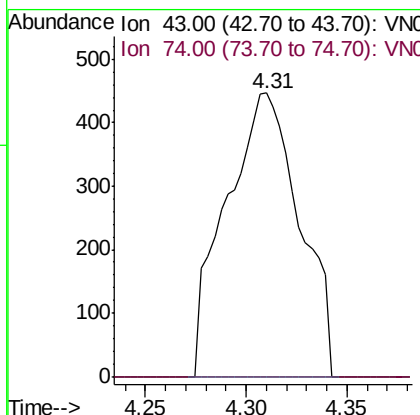
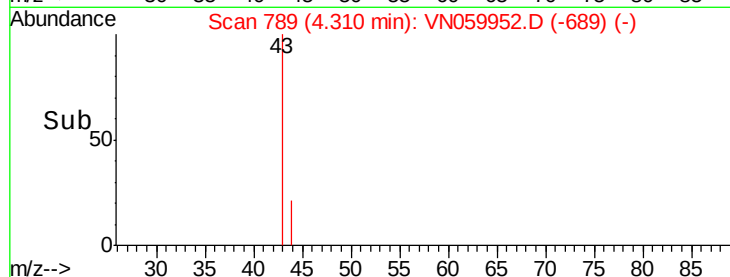
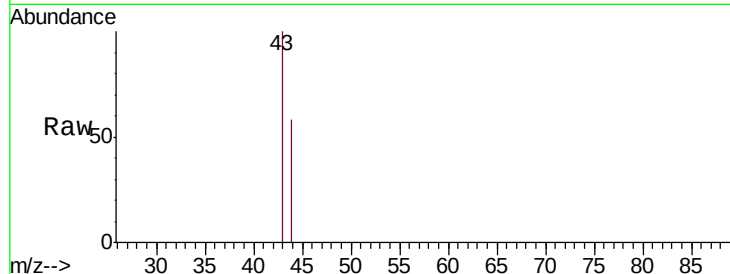




#18
Methyl Acetate
Concen: 0.428 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.02 min
Lab File: VN059952.D
Acq: 31 Jan 2020 16:50

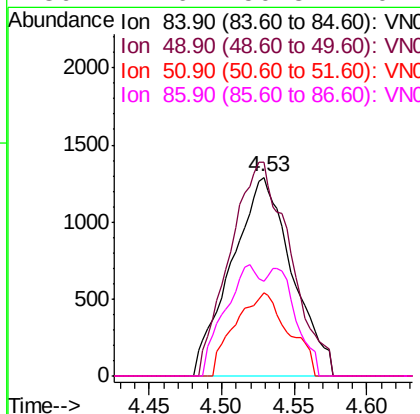
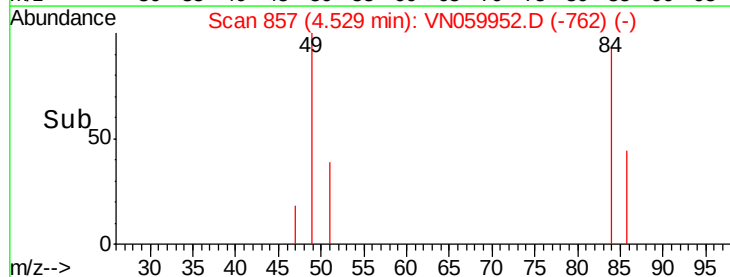
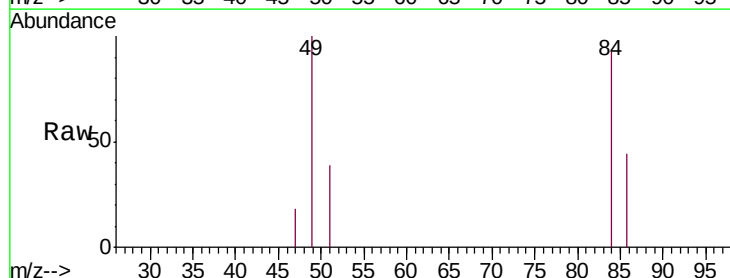
Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#03

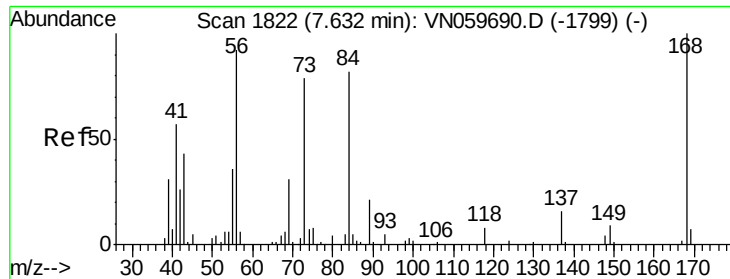
Tgt Ion: 43 Resp: 1131
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 0.550 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN059952.D
Acq: 31 Jan 2020 16:50

Tgt Ion: 84 Resp: 3749
Ion Ratio Lower Upper
84 100
49 107.4 106.6 160.0
51 41.8 31.9 47.9
86 47.6 50.8 76.2#

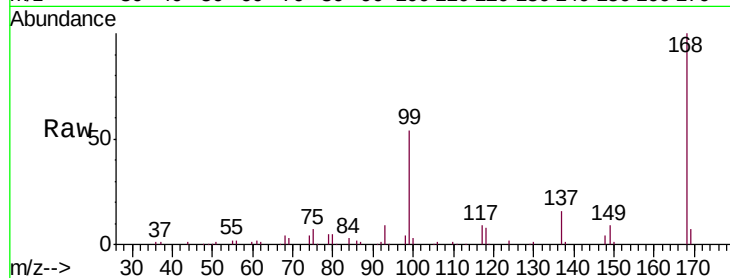




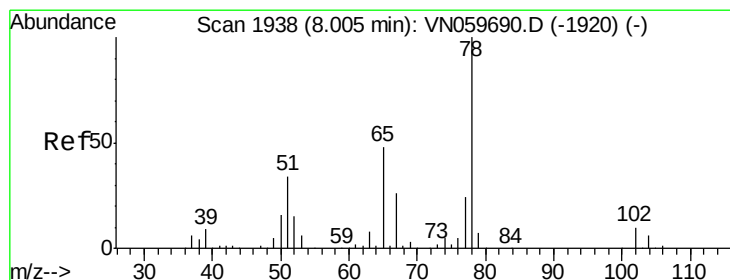
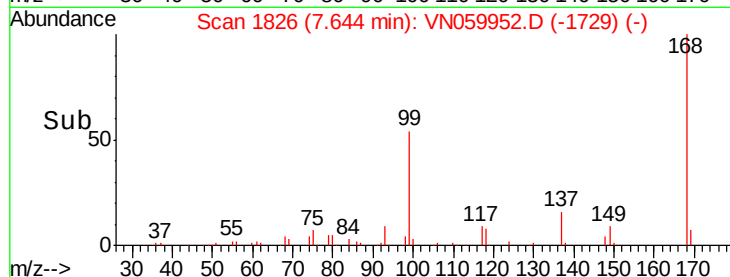
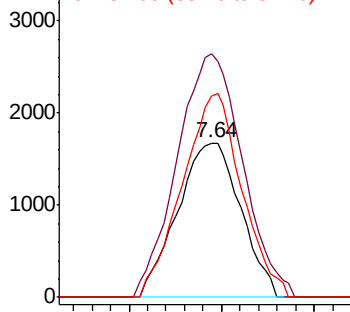
#31
Cyclohexane
Concen: 1.184 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059952.D
Acq: 31 Jan 2020 16:50

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#03

Tgt Ion: 56 Resp: 3968
Ion Ratio Lower Upper
56 100
69 157.7 26.5 39.7#
84 130.4 65.3 97.9#

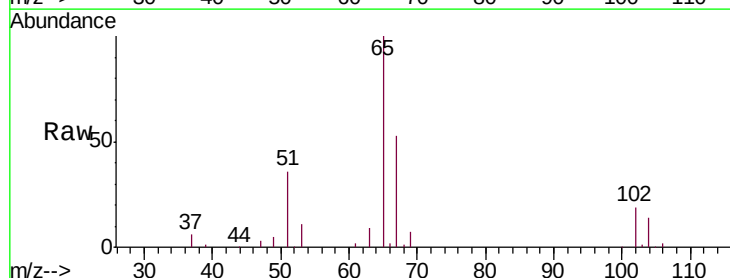


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

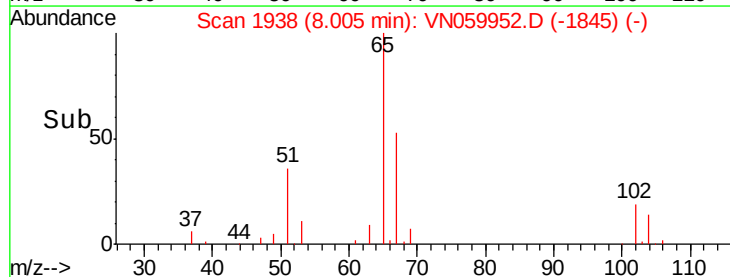
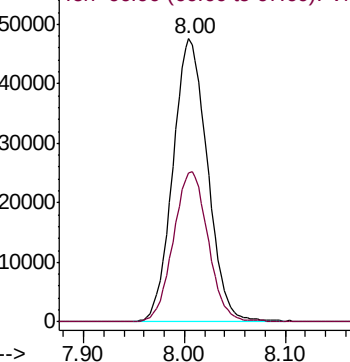


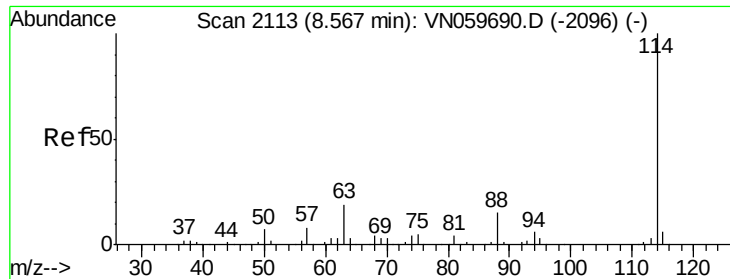
#33
1,2-Dichloroethane-d4
Concen: 50.017 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059952.D
Acq: 31 Jan 2020 16:50

Tgt Ion: 65 Resp: 113254
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

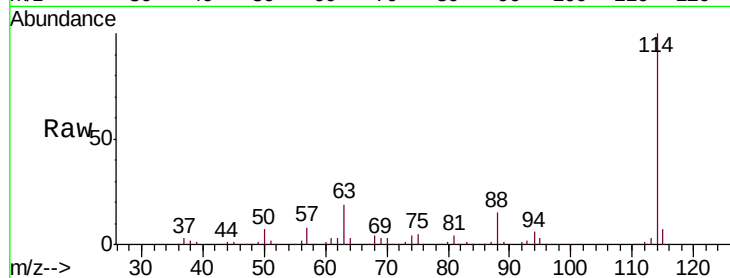




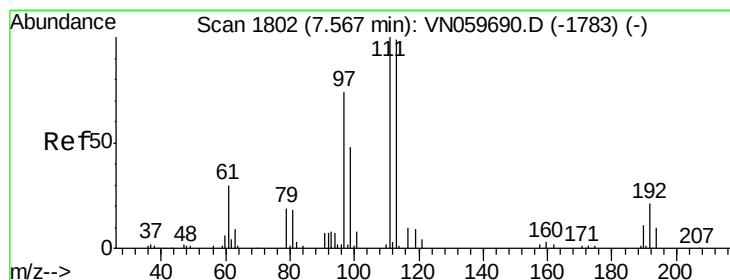
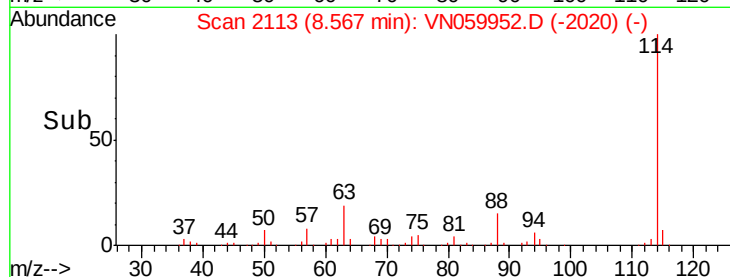
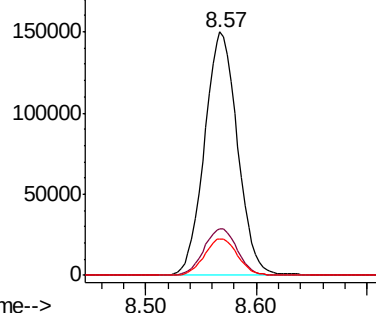
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059952.D
Acq: 31 Jan 2020 16:50

Instrument :
MSVOA_N
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PB126487ZHE#03

Tgt Ion:114 Resp: 310653
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.6
88 15.1 0.0 31.4

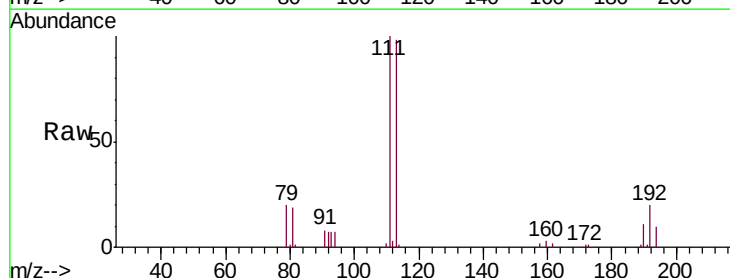


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

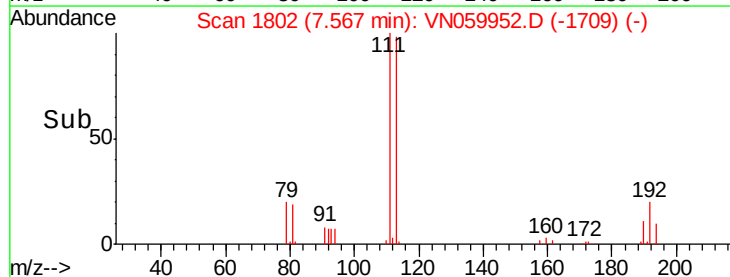
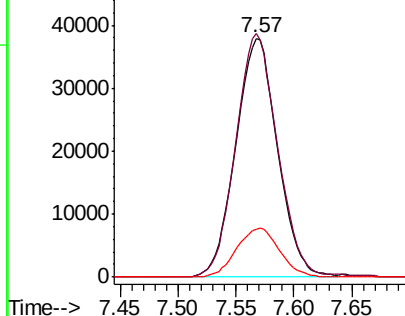


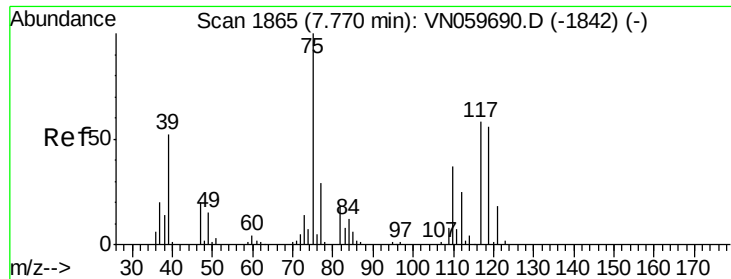
#35
Dibromofluoromethane
Concen: 51.444 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059952.D
Acq: 31 Jan 2020 16:50

Tgt Ion:113 Resp: 95303
Ion Ratio Lower Upper
113 100
111 101.8 83.5 125.3
192 20.8 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

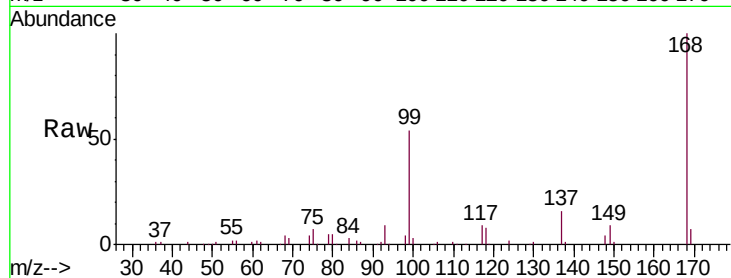




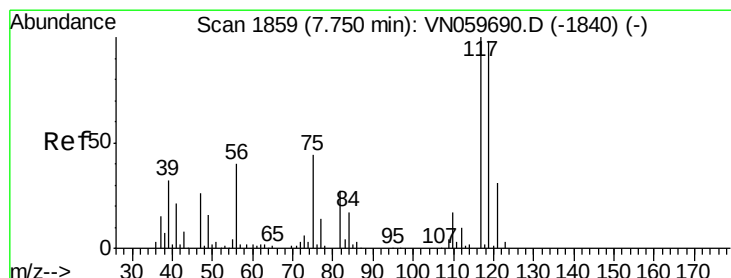
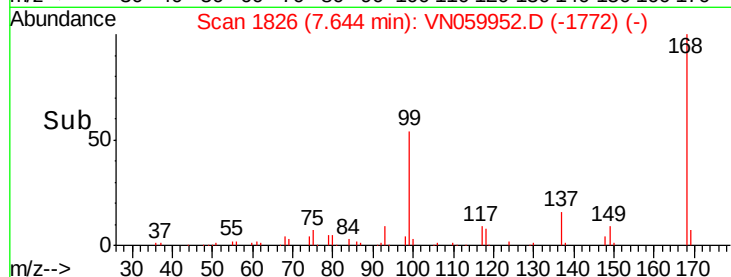
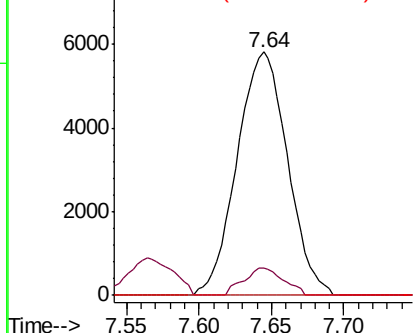
#36
 1,1-Dichloropropene
 Concen: 5.186 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059952.D
 Acq: 31 Jan 2020 16:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126487ZHE#03

Tgt Ion: 75 Resp: 14029
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.6 49.7#
 77 0.0 25.1 37.7#

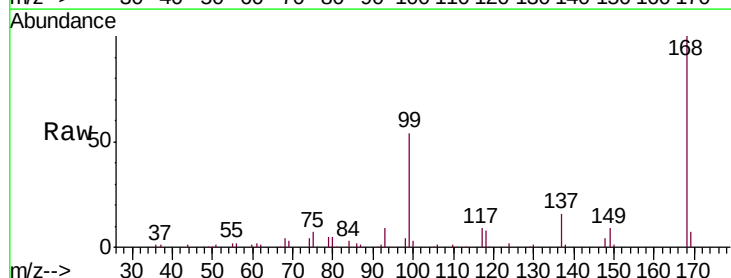


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

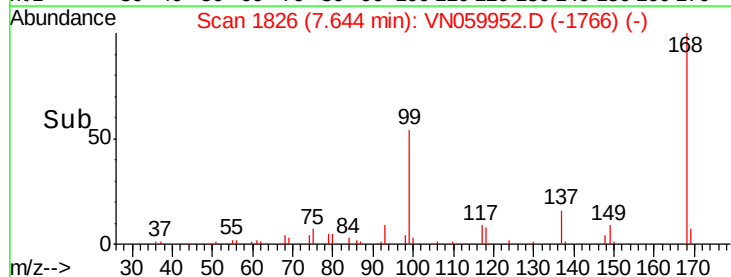
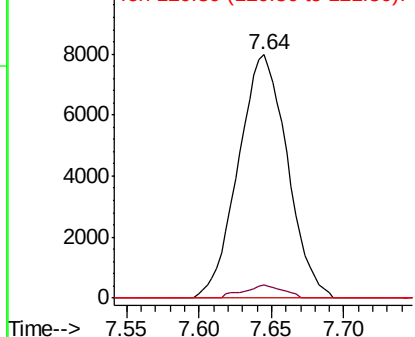


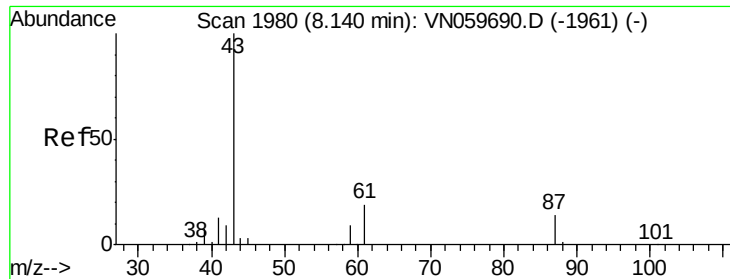
#38
 Carbon Tetrachloride
 Concen: 6.366 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059952.D
 Acq: 31 Jan 2020 16:50

Tgt Ion: 117 Resp: 18733
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.5 114.7#
 121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 9.558 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059952.D

Acq: 31 Jan 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

PB126487ZHE#03

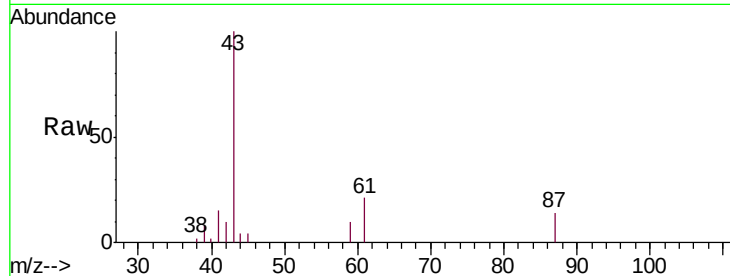
Tgt Ion: 43 Resp: 41714

Ion Ratio Lower Upper

43 100

61 20.4 20.2 30.2

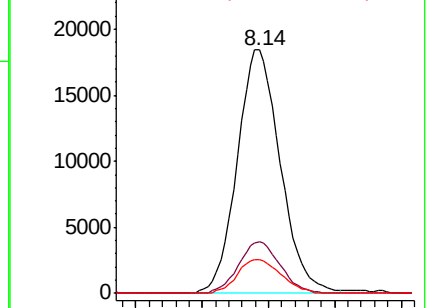
87 13.9 9.5 14.3



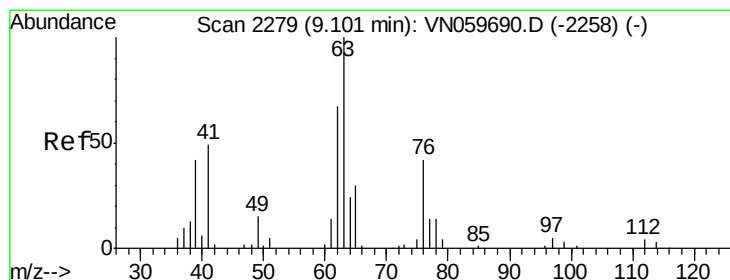
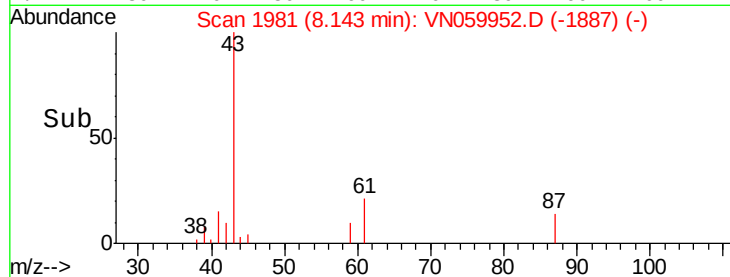
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



Time-->



#45

1,2-Dichloropropane

Concen: 0.469 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN059952.D

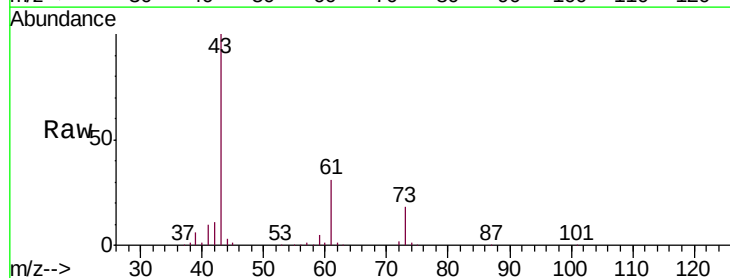
Acq: 31 Jan 2020 16:50

Tgt Ion: 63 Resp: 936

Ion Ratio Lower Upper

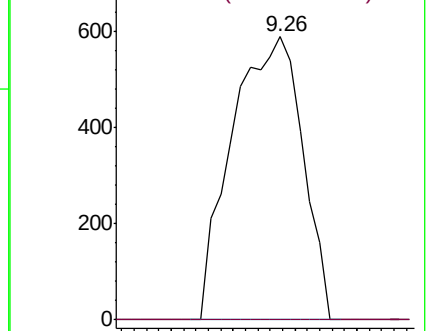
63 100

65 0.0 24.9 37.3#

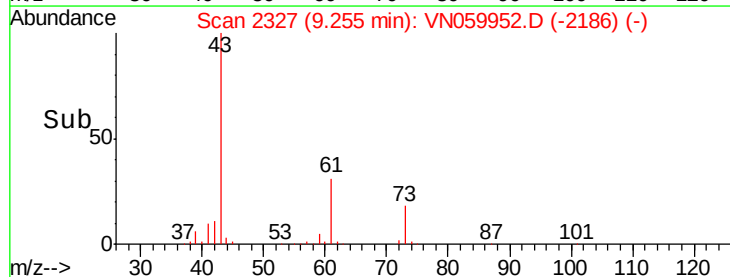


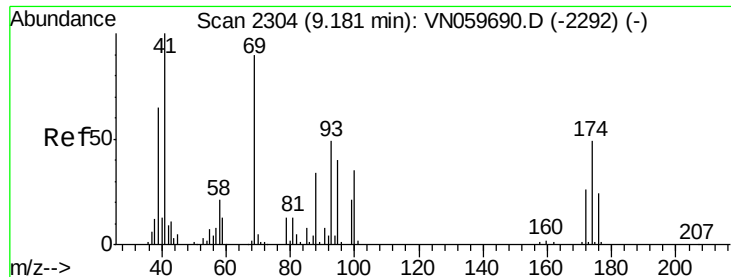
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



Time-->

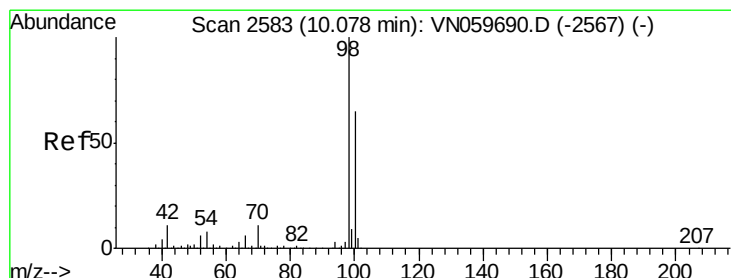
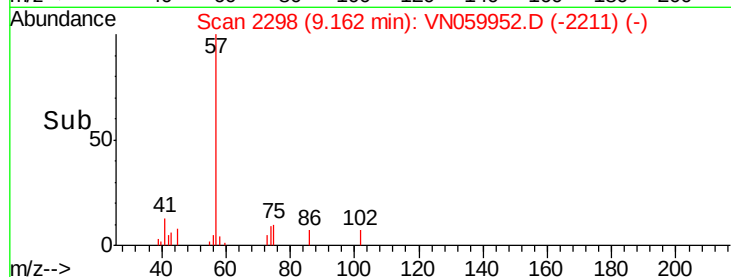
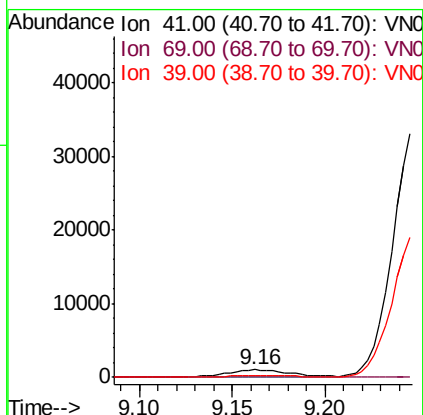
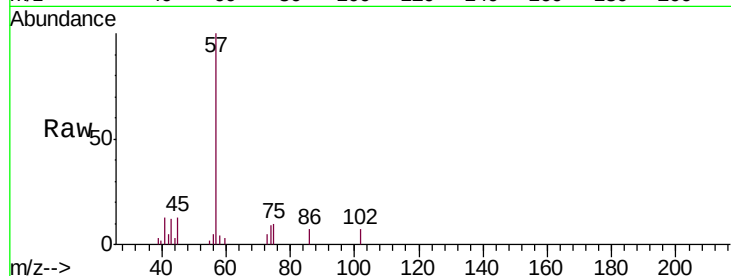




#48
Methyl methacrylate
Concen: 1.242 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.02 min
Lab File: VN059952.D
Acq: 31 Jan 2020 16:50

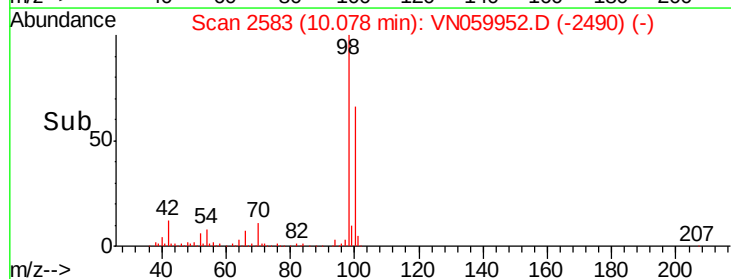
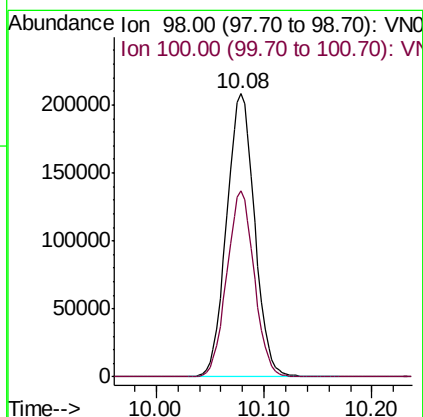
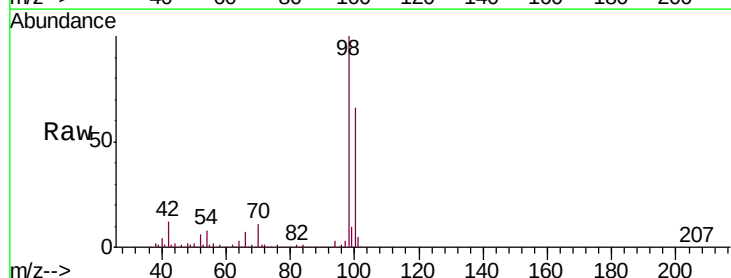
Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#03

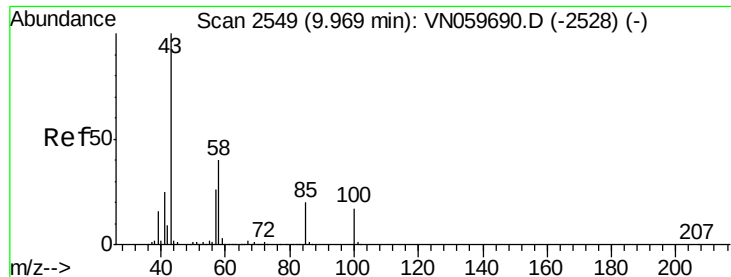
Tgt Ion: 41 Resp: 2425
Ion Ratio Lower Upper
41 100
69 0.0 64.4 96.6#
39 0.0 51.3 76.9#



#50
Toluene-d8
Concen: 52.541 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059952.D
Acq: 31 Jan 2020 16:50

Tgt Ion: 98 Resp: 377123
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8

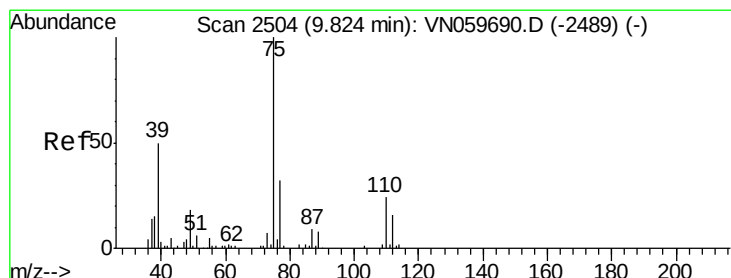
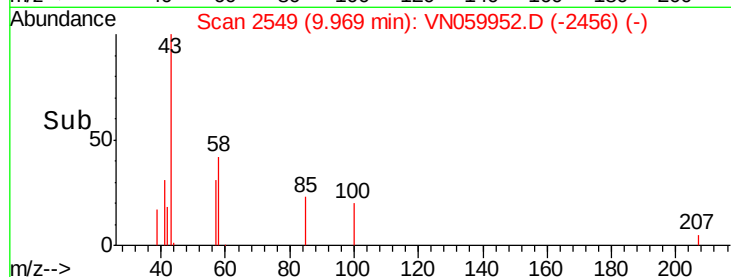
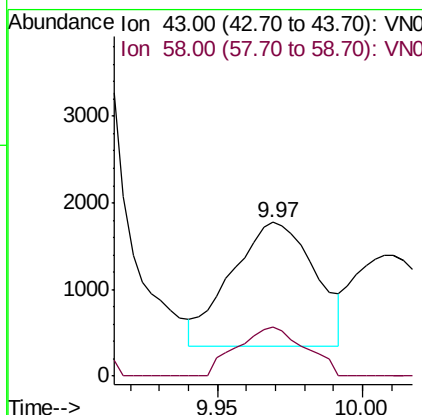
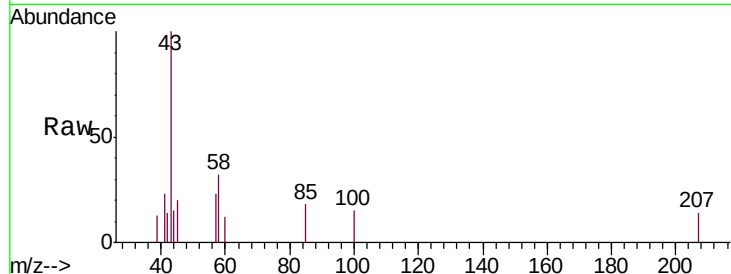




#51
 4-Methyl-2-Pentanone
 Concen: 1.139 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059952.D
 Acq: 31 Jan 2020 16:50

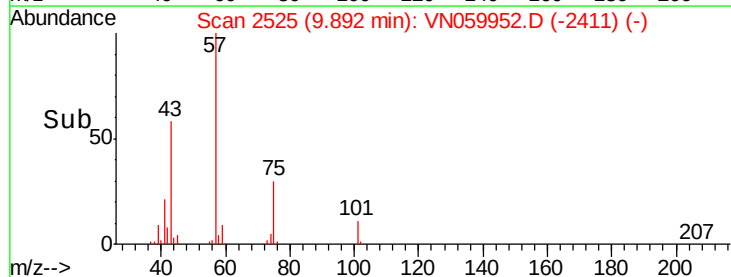
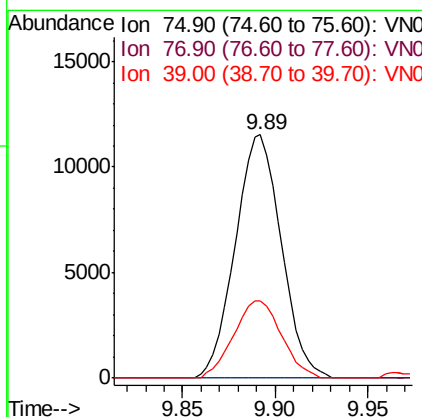
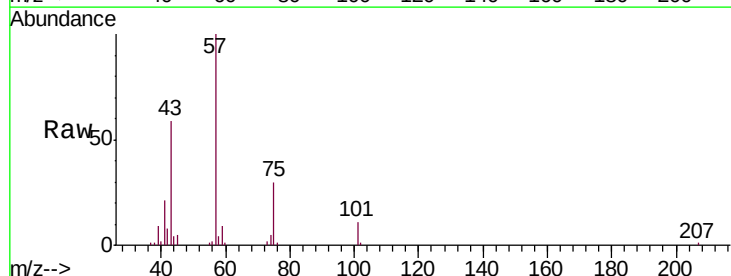
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126487ZHE#03

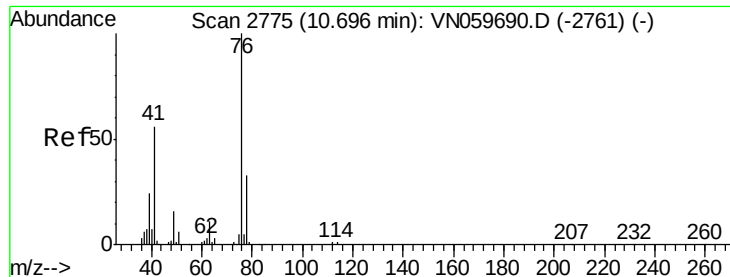
Tgt Ion: 43 Resp: 2874
 Ion Ratio Lower Upper
 43 100
 58 32.2 29.8 44.8



#54
 cis-1,3-Dichloropropene
 Concen: 5.945 ug/l
 RT: 9.89 min Scan# 2525
 Delta R.T. 0.07 min
 Lab File: VN059952.D
 Acq: 31 Jan 2020 16:50

Tgt Ion: 75 Resp: 19823
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#
 39 31.7 46.1 69.1#

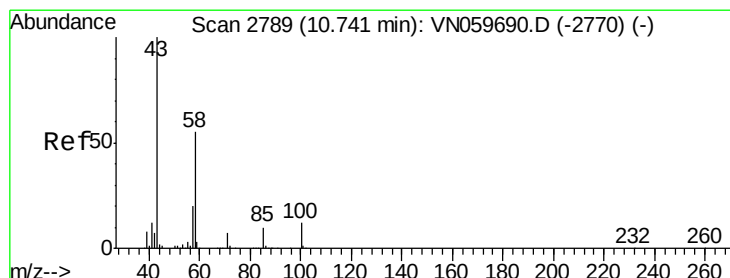
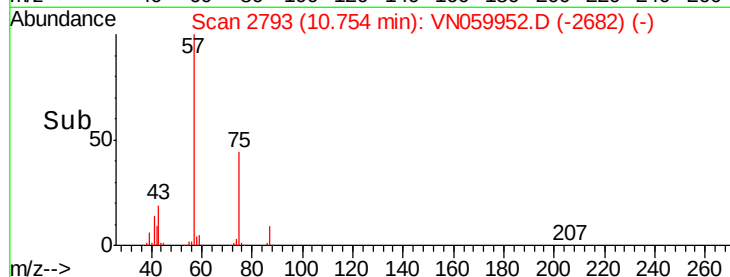
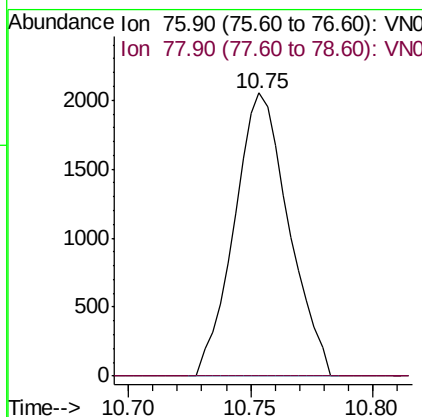
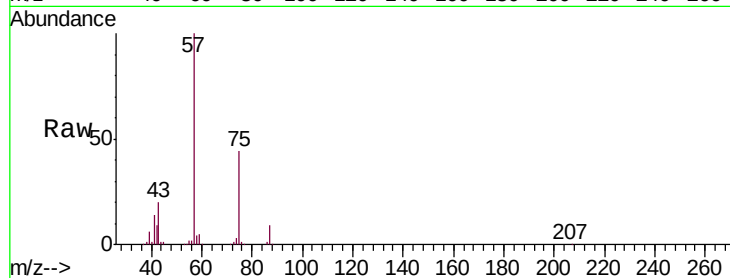




#57
 1,3-Dichloropropane
 Concen: 0.988 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.06 min
 Lab File: VN059952.D
 Acq: 31 Jan 2020 16:50

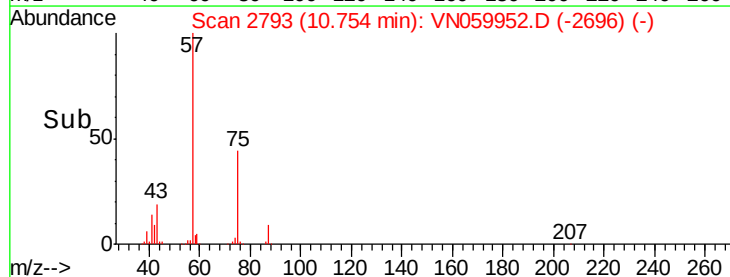
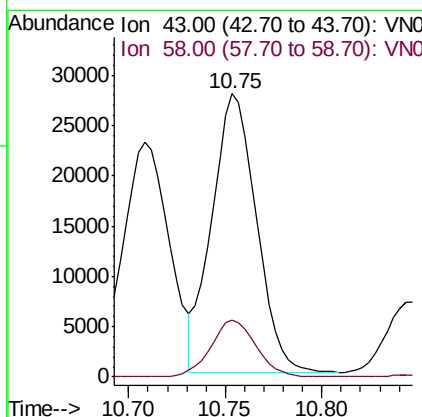
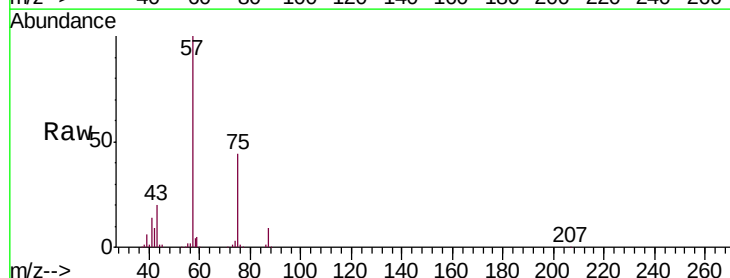
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126487ZHE#03

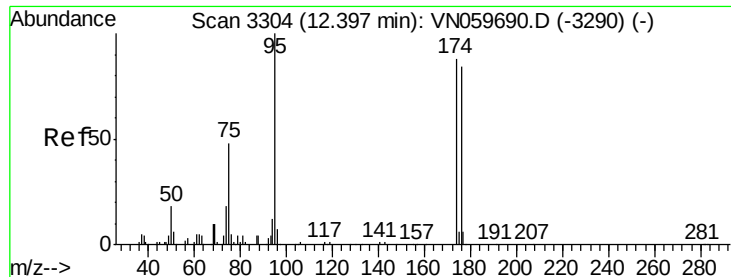
Tgt Ion: 76 Resp: 3167
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#59
 2-Hexanone
 Concen: 24.022 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.01 min
 Lab File: VN059952.D
 Acq: 31 Jan 2020 16:50

Tgt Ion: 43 Resp: 44647
 Ion Ratio Lower Upper
 43 100
 58 20.4 25.8 77.3#

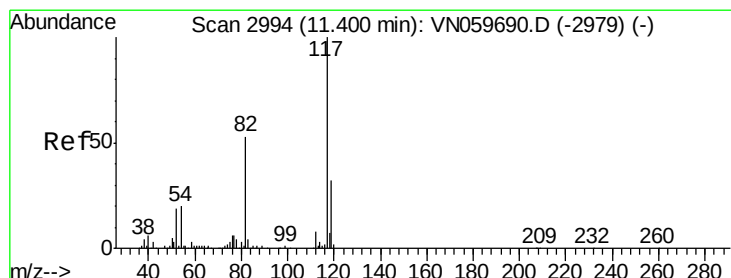
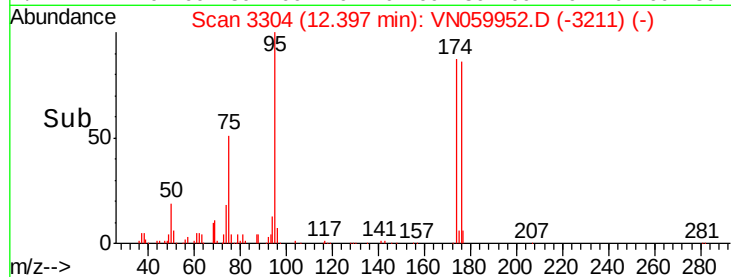
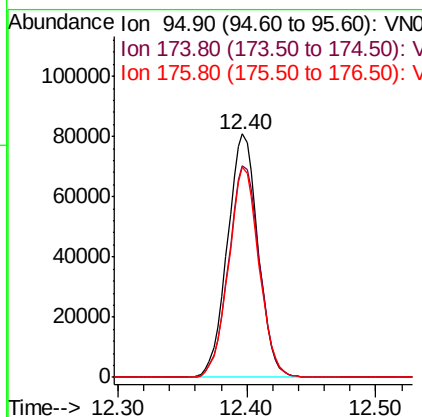
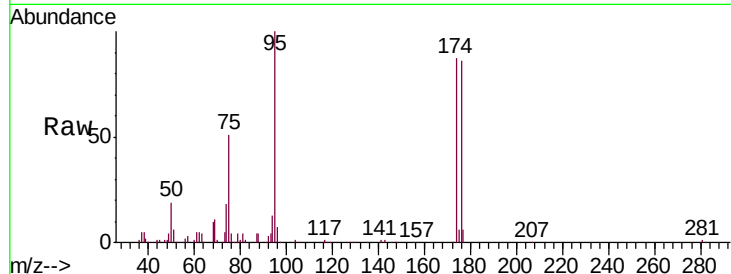




#62
4-Bromofluorobenzene
Concen: 51.495 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059952.D
Acq: 31 Jan 2020 16:50

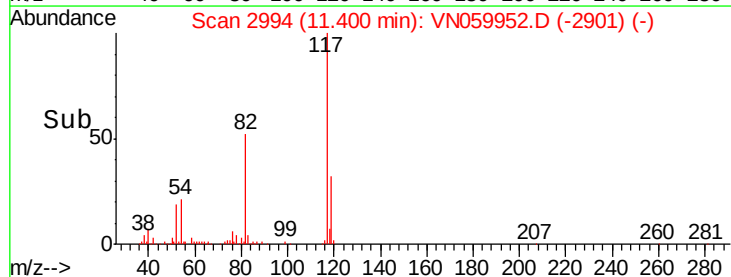
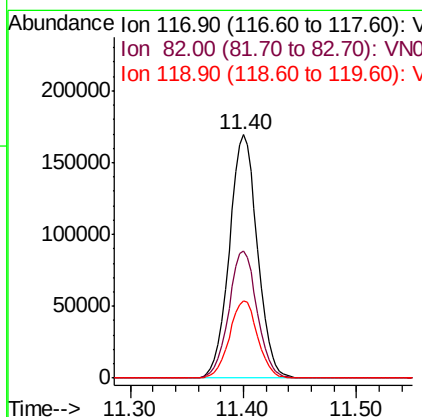
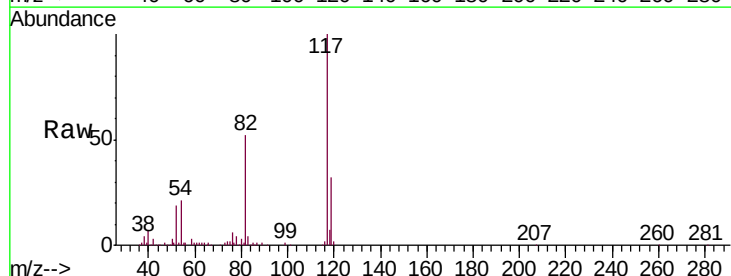
Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#03

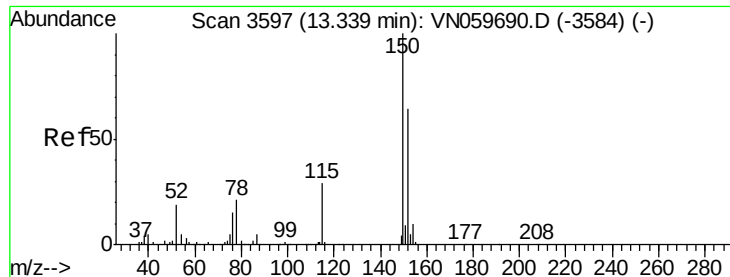
Tgt Ion: 95 Resp: 133246
Ion Ratio Lower Upper
95 100
174 87.7 0.0 151.4
176 85.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059952.D
Acq: 31 Jan 2020 16:50

Tgt Ion: 117 Resp: 291613
Ion Ratio Lower Upper
117 100
82 52.5 45.9 68.9
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059952.D

Acq: 31 Jan 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

PB126487ZHE#03

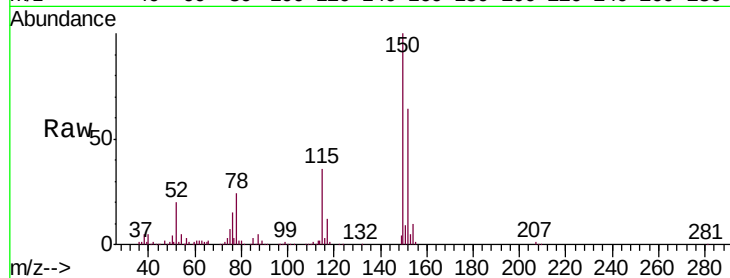
Tgt Ion:152 Resp: 133625

Ion Ratio Lower Upper

152 100

115 57.7 30.3 90.9

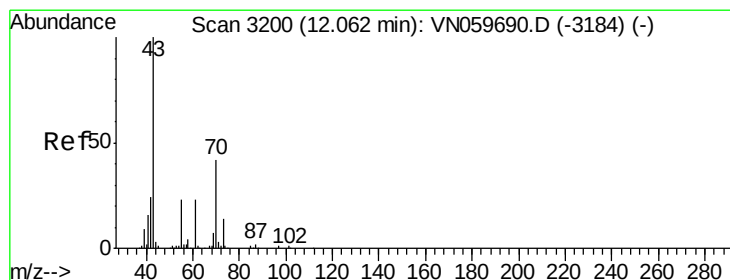
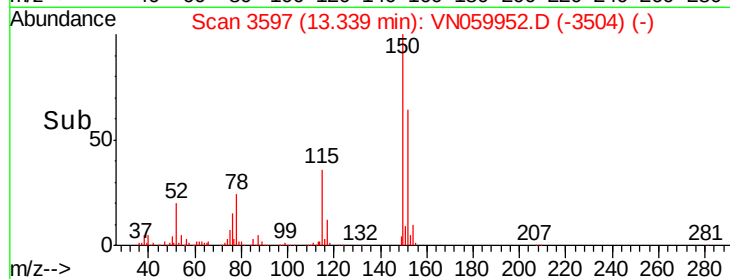
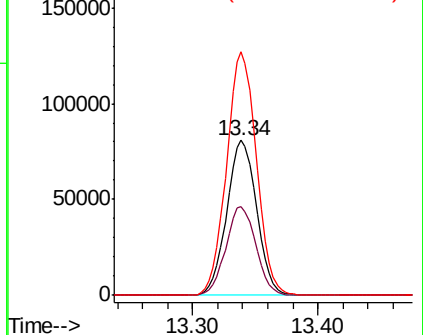
150 157.0 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.382 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN059952.D

Acq: 31 Jan 2020 16:50

Tgt Ion: 43 Resp: 1453

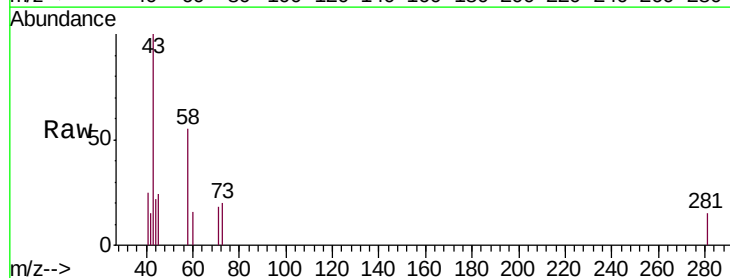
Ion Ratio Lower Upper

43 100

70 0.0 31.3 46.9#

55 0.0 19.8 29.6#

61 0.0 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

